FORM PTO-1083

PATENT

PATENT

Case Docket No. ASA-761-02

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In RE application of M. SUZUKI et al Serial No.: 09/518,675

Group Art Unit: 2739

Filed: March 3, 2000

Washington, D.C. 20231

MATTINGLY, STANGER & MALUR, P.C. 104 East Hume Avenue Alexandria, Virginia 22301

(703) 684-1120

Date: July 12, 2000

Assistant Commissioner for Patents

Examiner:

For: CODE DIVISION MULTIPLE ACCESS MOBILE COMMUNICATION SYSTEM

Group 2700 Sir: Transmitted herewith is an Amendment in the above e-identified application. Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a verified statement previously submitted A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed. No additional fee is required. The fee has been calculated as shown below: (COL. 1) (COL. 2) (COL. 3) OTHER THAN A SMALL ENTITY SMALL ENTITY Claims Highest No OR Additional Fee After 9 Total Minus 2.0 0 9 18 0 Minus 3 2 30 78 156 First Presentation of Multiple Dependent Claims 130 + 260 0 If the entry in Col. 1 is less than the entry in Col. 2, write 'O' in Col. 3. OR Total 156 If the entry in Col. 1 is less than the entry in Col. 2, write "O' in Col. 3.

If the Highest Municipal Previously Pad of "In This SPACE is less than 3.0, write "20" in this space.

The Highest Number Previously Pad for "IN THIS SPACE is less than 3, write "3" in this space.

The Highest Number Previously Pad for "IN THIS SPACE is less than 3, write "3" in this space.

The Highest Number Previously Pad for "IN THIS SPACE is less than 3, write "3" in this space.

The Highest Number Previously Pad for "IN THIS SPACE is less than 3, write "3" in this space. Col. 1 of a prior Amendment or the number of claims originally filed. Please charge my Deposit Account No. 50-1417 in the amount of \$ A check in the amount of \$ х 156.00 is attached in payment of: Additional Claims Fee. The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1417. lх x Any filing fees under 37 CFR 1.16 for the presentation of extra claims. x Any patent application processing fees under 37 CFR 1.17. х Any Extension of Time fees that are necessary, which are hereby requested if necessary.

Jenn R. Mattingly

Attorney for Applicant(s)

30,293

Registration No.

ASA-761-02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

M. SUZUKI et al

Serial No. 09/518,675

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SECOND PRELIMINARY AMENDMENT

Group 2700

Assistant Commissioner of Patents Washington, D.C. 20231

Sir:

Prior to examination, please amend the above application as follows

IN THE CLAIMS

Amend claim 12, and add new claims 15-20 as set forth below.

(Amended) A mobile terminal used in a code division multiple access mobile communication system, said mobile terminal comprising:

an RF amit for converting a received signal of a carrier frequency received from an antenna to a received signal of a baseband; and

a matched filter for receiving input of said received signal of the baseband, despreading said received signal, and outputting a correlation value,

wherein said received signal includes a control signal, a first section of one slot of gaid control signal is spread by a long period code assigned to said base station, and

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